

REMARKS

Claims 1-9 are all the claims pending in the application.

Claims 1, 2, 4-7 and 9 are rejected under 35 U.S.C. § 102(b) as being anticipated by Van der Gracht et al. (U.S. Patent No. 5,546,198).

Claims 3, 5, 8 and 9 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Van der Gracht et al.

The Applicants traverse the rejections and requests reconsideration.

The Examiner has maintained the rejection of claims. While he has not provided additional grounds for the rejection of the claims, he has responded to the claim amendments and arguments made by the Applicants.

The Examiner does not find the additional limitation related to the peripheral site not having at least one of a phase information or amplitude information to be distinguishing the present invention from Van der Gracht. The Examiner contends that since a hologram is either a phase hologram or an amplitude hologram (and not both), the above-mentioned limitation is always satisfied by Van der Gracht. This is because if Van der Gracht discloses a phase hologram, its peripheral site will not contain amplitude information. Likewise, if Van der Gracht discloses an amplitude hologram its peripheral site will not contain phase information.

The Applicants amend base claims 1 and 6 to recite a peripheral site not having a phase information **and** an amplitude information. Claims 2 and 7 have also been amended to maintain consistency with the amended base claims. Accordingly, it is clarified that in the present invention, the peripheral site should not contain amplitude information and phase information.

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Patent Application No.: 10/632,828

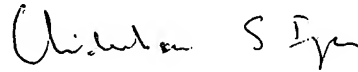
Attorney Docket No.: Q76817

The Applicants respectfully submit that Van der Gracht does not disclose or suggest the peripheral site not containing phase information and amplitude information.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



Chid S. Iyer
Registration No. 43,355

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: May 11, 2005